What is claimed is:

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- 1. A brightness enhancing film comprising the reaction product of a polymerizable composition consisting essentially of:
- a) one or more first monomers selected from the group consisting of
 - i) a monomer comprising a major portion having the structure

wherein R1 is independently hydrogen or methyl; and

ii) a monomer comprising a major portion having the structure

wherein R1 is independently hydrogen or methyl, and

L is a linking group independently selected from the group consisting of

linear C2-C12 alkyl groups,

branched C2-C12 alkyl groups and

-CH₂CH(OH)CH₂-;

and mixtures thereof;

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- b) a second monomer consisting of 2,4,6-tribromophenoxyethyl (meth)acrylate;
- c) a crosslinking agent selected from the group consisting of pentaerythritol tri(meth)acrylate, pentaerythritol tetra(meth)acrylate, trimethylolpropane tri(meth)acrylate, and mixtures thereof;
- d) optionally a monofunctional diluent; and
- e) optionally a photoinitiator.
- 2. The brightness enhancing film of claim 1 wherein the first monomer is present in thepolymerizable composition in an amount of at least about 20 wt-%.
 - 3. The brightness enhancing film of claim 1 wherein the first monomer is present in the polymerizable composition in an amount less than about 40 wt-%.
- 4. The brightness enhancing film of claim 1 wherein the first monomer comprises a major portion of 2-propenoic acid, (1-methylethylidene)bis[(2,6-dibromo-4,1-phenylene)oxy(2-hydroxy-3,1-propanediyl)] ester.
- 5. The brightness enhancing film of claim 1 wherein the 2,4,6-tribromophenoxyethyl (meth)acrylate is present in an amount of at least about 25 wt-%.
 - 6. The brightness enhancing film of claim 1 wherein the 2,4,6-tribromophenoxyethyl (meth)acrylate is present in an amount less than about 50 wt-%.
- 7. The brightness enhancing film of claim 1 wherein the crosslinking agent is a liquid at ambient temperature.
 - 8. The brightness enhancing film of claim 1 wherein the crosslinking agent is present in the polymerizable composition in an amount ranging from about 5 wt-% to about 30 wt-%.
 - 9. The brightness enhancing film of claim 1 wherein the crosslinking agent is pentaerythritol triacrylate.

10. The brightness enhancing film of claim 1 wherein the monofunctional diluent is present in the polymerizable composition in an amount ranging from about 10 wt-% to about 20 wt-%.

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11. The brightness enhancing film of claim 1 wherein the monofunctional (meth) acrylate diluent is a liquid at ambient temperature.

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12. The brightness enhancing film of claim 11 wherein the monofunctional (meth)acrylate diluent comprises phenoxyethyl (meth)acrylate, benzyl (meth)acrylate, and mixtures thereof.

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- 13. The brightness enhancing film of claim 11 wherein the monofunctional (meth)acrylate diluent comprises phenoxyethyl acrylate.
- 14. An article comprising the brightness enhancing film of claim 1 and a second optical film in contact with the brightness enhancing film.
- 15. The article of claim 14 wherein the second optical film is a diffuser.

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- 16. The article of claim 14 wherein the second optical film is an absorbing polarizer.
- 17. The article of claim 14 wherein the second optical film is a reflective polarizer.
- 25 18. The article of claim 14 wherein the second optical film comprises a prismatic structure.
 - 19. A polymerizable resin composition comprising comprising the reaction product of a polymerizable composition consisting essentially of:
 - a) one or more first monomers selected from the group consisting of
 - i) a monomer comprising a major portion having the structure

wherein R1 is independently hydrogen or methyl; and

ii) a monomer comprising a major portion having the structure

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wherein R1 is independently hydrogen or methyl, and

10 L is a linking group selected from the group consisting of

linear C₂-C₁₂ alkyl groups,

branched $C_2\text{-}C_{12}$ alkyl groups and

-CH₂CH(OH)CH₂-;

- and mixtures thereof;
 - b) a second monomer consisting of 2,4,6-tribromophenoxyethyl (meth)ácrylate;
 - c) a crosslinking agent selected from the group consisting of pentaerythritol tri(meth)acrylate, pentaerythritol tetra(meth)acrylate, trimethylolpropane tri(meth)acrylate,
- and mixtures thereof;

- d) optionally a monofunctional diluent; and
- e) optionally a photoinitiator.
- 20. An optical material comprising the reaction product of claim 19.
- 21. The optical material of claim 20 wherein the material is a film.
- 22. The optical material of claim 21 wherein the film comprises a microstructured surface.

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